

Water Quality Characteristics by Water Quality Zone

February 2003

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	213	188	81.8	146	304	3	38%
	2	133	136	16.3	105	151	9	12%
	3	166	184	54.7	85	233	13	33%
	4	112	106	30.1	81	184	10	27%
	5	110	111	17.8	70	142	11	16%
	6	116	114	11.0	103	138	9	9%
	7	109	112	12.8	88	125	9	12%
	8	204	200	40.0	153	274	6	20%
	9	122	85	60.0	77	213	7	49%
	10	76	75	1.3	74	77	5	2%
	System Wide	132	116	48.8	70	304	82	37%
TDS ppm	1	390	364	133.4	184	566	10	34%
	2	300	300	18.2	269	333	27	6%
	3	333	364	94.9	175	452	34	28%
	4	272	282	67.3	187	425	25	25%
	5	268	269	31.0	164	314	36	12%
	6	257	258	26.4	204	300	28	10%
	7	219	222	29.1	143	292	29	13%
	8	377	371	29.4	323	440	21	8%
	9	315	316	92.2	207	595	22	29%
	10	216	211	7.9	207	233	13	4%
	System Wide	290	280	77.4	143	595	245	27%
Sodium ppm	1	44	44	8.5	36	53	3	19%
	2	44	43	2.9	40	48	9	7%
	3	46	46	12.5	16	59	13	27%
	4	41	46	8.8	29	51	10	22%
	5	42	45	6.1	27	47	11	14%
	6	40	43	6.8	30	48	9	17%
	7	29	30	3.5	21	32	9	12%
	8	43	44	3.3	38	47	6	8%
	9	43	43	3.3	38	48	7	8%
	10	41	41	2.1	38	43	5	5%
	System Wide	41	43	8.3	16	59	82	20%

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pH units	1	7.7	7.7	0.35	7.3	8.3	10	5%
	2	8.0	8.0	0.16	7.8	8.4	27	2%
	3	7.8	7.8	0.21	7.3	8.2	34	3%
	4	7.9	7.9	0.14	7.5	8.2	25	2%
	5	7.9	7.9	0.14	7.6	8.2	36	2%
	6	8.0	8.0	0.26	7.0	8.3	28	3%
	7	7.9	7.9	0.19	7.6	8.3	29	2%
	8	7.5	7.5	0.12	7.3	7.8	21	2%
	9	7.7	7.7	0.22	7.2	8.0	22	3%
	10	7.8	7.8	0.11	7.6	8.0	13	1%
	System Wide	7.8	7.9	0.24	7.0	8.4	245	3%
Chlorine ppm	1	0.8	0.8	0.16	0.5	1.0	10	20%
	2	0.9	0.9	0.09	0.7	1.1	27	10%
	3	0.8	0.8	0.13	0.5	1.0	34	16%
	4	0.9	0.9	0.14	0.5	1.1	25	16%
	5	0.9	0.9	0.08	0.7	1.1	36	9%
	6	0.9	0.9	0.09	0.7	1.0	28	10%
	7	0.8	0.8	0.11	0.6	1.1	29	13%
	8	0.8	0.9	0.17	0.4	1.0	21	20%
	9	0.8	0.8	0.13	0.4	1.0	22	17%
	10	0.7	0.7	0.09	0.6	0.9	13	12%
	System Wide	0.8	0.9	0.13	0.4	1.1	245	15%
Temperature deg C	1	21.1	21.4	1.23	18.9	22.7	10	6%
	2	22.3	22.3	2.00	19.0	26.9	27	9%
	3	21.5	21.6	1.41	18.9	24.8	34	7%
	4	23.8	23.9	1.80	19.8	26.7	25	8%
	5	22.5	22.3	2.17	18.2	28.1	36	10%
	6	22.5	22.9	2.05	16.8	25.7	28	9%
	7	21.5	21.4	1.76	17.0	25.0	29	8%
	8	22.2	22.6	1.91	18.3	25.4	21	9%
	9	24.0	24.3	2.08	19.0	27.5	22	9%
	10	23.2	23.1	2.59	19.6	28.6	13	11%
	System Wide	22.4	22.4	2.08	16.8	28.6	245	9%